

[FULLERENE LUBRICANT]

Abstract

Fullerenes are employed to provided lubrication at an interface. In the human body, fullerenes are introduced into the joint space to make up for loss of synovial fluid. In non human applications, the fullerenes are introduced into the interface to assist in lubrication, much like motor oil. Inert and not soluble in water, fullerenes act like tiny soccer balls rolling over one another to provide the desired amount of lubrication.